

# VITAL STATISTICS SUMMARY

## WESTERVILLE CITY

### May 2005

(Prepared by the Franklin County Board of Health)

## I. BIRTH DATA FOR THE PERIOD 1990 TO 2002

The following tables describe recent data for birth for Westerville City and Franklin County. The birth statistics are given by total number of births, low birth weight newborns ( $\leq 2500$  grams), and very low birth weight newborns ( $\leq 1500$  grams – very low birth weight serves as an indicator of at-risk births). Rates are set at per 1,000 for live births, and per 100 for low and very low birth weights.\*\*

1990 to 2002 WESTERVILLE CITY BIRTHS						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births $\leq 2500$ Grams	LBW Rate per 100 Live Births	Sum of Births $\leq 1500$ grams	VLBW Rate per 100 Live Births
1990	482	16.6	27	5.60	3	0.62
1991	608	20.9	25	4.11	2	0.33
1992	651	22.3	48	7.37	9	1.38
1993	623	21.3	27	4.33	4	0.64
1994	661	22.6	37	5.60	2	0.30
1995	657	22.5	44	6.70	6	0.91
1996	586	20.0	44	7.51	5	0.85
1997	706	24.1	56	7.93	6	0.85
1998	748	25.5	51	6.82	8	1.07
1999	725	24.7	40	5.51	8	1.10
2000	686	23.3	43	6.27	5	0.73
2001	429	14.5	23	5.36	1	0.23
2002	375	12.7	26	6.93	3	0.80
<b>Total</b>	<b>7,937</b>		<b>491</b>		<b>62</b>	

1990 to 2002 FRANKLIN COUNTY BIRTHS (FCBH ZONES)						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births $\leq 2500$ Grams	LBW Rate per 100 Live Births	Sum of Births $\leq 1500$ grams	VLBW Rate per 100 Live Births
1990	16,752	17.36	1,468	8.76	246	1.47
1991	16,622	17.02	1,518	9.13	221	1.33
1992	16,889	16.92	1,519	8.99	233	1.38
1993	16,710	16.66	1,572	9.41	272	1.63
1994	16,635	16.51	1,526	9.17	241	1.45
1995	16,204	16.08	1,542	9.52	247	1.52
1996	16,027	15.83	1,581	9.86	265	1.65
1997	16,242	15.96	1,515	9.33	215	1.32
1998	16,626	16.28	1,563	9.40	249	1.50
1999	16,727	16.11	1,612	9.64	262	1.57
2000	17,761	16.61	1,786	10.06	291	1.64
2001	17,252	16.10	1,420	8.23	281	1.63
2002	17,013	15.59	1,530	8.99	323	1.90
<b>Total</b>	<b>217,460</b>		<b>20,152</b>		<b>3,346</b>	

\*\* Note that the setting of new births for year 2001 used geographical information system (GIS) technology for residential assignment. Accordingly, the rate comparison is slightly different from prior estimates of population (estimated at 0.56% change from self-reported residential assignment).

## II. 5 LEADING CAUSES OF DEATH FOR THE PERIOD 1997 TO 2002

The mortality statistics are given by the 5 leading causes of death per year for Franklin County. Causes of death are comparatively tracked to enable Health Department researchers to understand the fluctuation in the leading mortality factors between individual jurisdictions and the whole of Franklin County. Rates are set at per 100,000 population and are calculated as simple rates due to the small sample sizes ( $\leq 10$ ) per cell for some of the causes.\* Age-adjusted mortality statistics for the whole of Franklin County are available from the Health Department upon request.

<b>MORTALITY STATISTICS FOR THE PERIOD 1997 TO 2002, WESTERVILLE CITY &amp; FRANKLIN COUNTY</b> <b>5 LEADING CAUSES AND TOTAL BY CRUDE RATES</b> <b>(Crude Rates Used for Comparisons for Westerville City due to Very Small Sample Sizes for Some Causes)</b>				
	Westerville City		Franklin County	
Year & Cause	Sum	Rate	Sum	Rate
<b><u>1997</u></b>				
Heart Disease	111	378.6	2,244	233.4
Malignant Neoplasm	75	255.8	1,874	194.9
Cerebrovascular Diseases	24	81.9	602	62.6
Chronic Obstructionary Pulmonary Disease (COPD)	10	34.1	389	40.5
Diabetes Mellitus	12	40.9	331	34.4
<b>Total Deaths</b>	<b>325</b>	<b>1108.5</b>	<b>7,769</b>	<b>808.1</b>
<b><u>1998</u></b>				
Heart Disease	74	252.1	2,261	235.2
Malignant Neoplasm	76	258.9	1,948	202.6
Cerebrovascular Diseases	32	109.0	575	59.8
Chronic Obstructionary Pulmonary Disease (COPD)	26	88.6	448	46.6
Flu and Pneumonia	16	54.5	278	28.9
<b>Total Deaths</b>	<b>318</b>	<b>1083.4</b>	<b>7,972</b>	<b>829.2</b>
<b><u>1999</u></b>				
Heart Disease	78	265.5	2,406	234.1
Malignant Neoplasm	62	211.0	1,896	184.5
Cerebrovascular Disease	22	74.9	579	56.3
Chronic Lower Respiratory Disease	22	74.9	437	42.5
Diabetes Mellitus	8	27.2	280	27.2
<b>Total Deaths</b>	<b>311</b>	<b>1058.4</b>	<b>8,233</b>	<b>801.0</b>
<b><u>2000</u></b>				
Disease of the Heart	92	312.7	2,113	197.7
Malignant Neoplasm	55	187.0	1,905	178.2
Cerebrovascular Disease	27	91.8	580	54.3
Chronic Lower Respiratory Disease	16	54.4	470	44.0
Diabetes Mellitus	6	20.4	273	25.5
<b>Total Deaths</b>	<b>295</b>	<b>1002.8</b>	<b>8,097</b>	<b>757.5</b>
<b><u>2001</u></b>				
Disease of the Heart	65	220.0	2,105	192.3
Malignant Neoplasm	50	169.2	1,876	171.4
Cerebrovascular Disease	25	84.6	530	48.4
Chronic Lower Respiratory Disease	10	33.8	471	43.0
Diabetes Mellitus	8	27.1	330	30.1
<b>Total Deaths</b>	<b>256</b>	<b>866.4</b>	<b>8,118</b>	<b>741.7</b>
<b><u>2002</u></b>				
Disease of the Heart	67	225.8	2,073	189.4
Malignant Neoplasm	61	205.5	1,989	181.7
Cerebrovascular Disease	17	57.3	506	46.2
Chronic Lower Respiratory Disease	18	60.7	470	42.9
Diabetes Mellitus	12	40.4	177	16.2
<b>Total Deaths</b>	<b>287</b>	<b>967.1</b>	<b>8,349</b>	<b>762.8</b>

\* The number of cases from for the years 1997 and 1998 have been adjusted to account for new Federal Coding Schemes. Prior to the 1999 data, the Coding Scheme for mortality used ICD-9 Classifications for causes of Death. Starting in 1999, the Coding Scheme used for mortality is the ICD-10 Classifications. The data presented represents a conversion of the 1997 and 1998 classifications. A comparability ratio is used to adjust the tables.